California Integrated Waste Management Board

State of California Revised April 30, 2005

Base Year Modification Request Certification Part 1: Generation Study - No Extrapolation Diversion Data

To request a substitution for a previously approved base year used in calculating the diversion rate report year generation study for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

California Integrated Waste Management Board Office of Local Assistance 1001 I Street, (MS-25) PO Box 4025 Sacramento, CA 95812-4025

| General Instructions | : |
|----------------------|---|
|----------------------|---|

| Please select the ONE choice below that best explains your request to the Board. |
|---|
| ☐ 1. Use a recent generation-based study to calculate our current reporting year |
| generation amount, but not officially change our existing Board-approved base year. |
| 2. Use a recent generation-based study to officially change our |
| existing Board-approved base year to a new base year. |
| |

The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative by calling (916) 341-6199.

| Section I: Jurisdiction Information and | d Certification | n | | | |
|---|-----------------|--------------------------------|-------|-----------|---------------------|
| All respondents must complete this section. | | | | | |
| I certify under penalty of perjury that the infor knowledge, and that I am authorized to make | | | | ect to th | ne best of my |
| Jurisdiction Name | | County | | | |
| Roseville | | Placer | | | |
| Authorized Signature | | Title | | | |
| Type/Print Name of Person Signing | | Date Phone () Include Area Co | | |) Include Area Code |
| Person Completing This Form (please print or type) | | Title | | | |
| | | | | | |
| Affiliation: | | | | | |
| Mailing Address | С | ity | State | | ZIP Code |
| | | | | | |
| E-Mail Address | | | | • | |

| Section II: Information for New Generation-Based S | Section II: Information for New Generation-Based Study for Existing or New Base Year | | | | | | |
|---|--|--|--|--|--|--|--|
| Attach additional sheets if necessary—reference each response to the appropriate cell number (e.g., "4"). | | | | | | | |
| Note: New base years must be representative of a jurisc | diction's disposal and diversion. | | | | | | |
| Current Board-approved existing base year: | 2. Proposed new generation-based study year: | | | | | | |
| 1990 | 2004 | | | | | | |
| Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion: | | | | | | | |

The proposed generation study more accurately reflects the existing disposal and diversion activities and programs occurring in the City in the year 2004. The City and Western Placer Waste Management Authority, of which the City is a member, has implemented and expanded numerous diversion programs in the last fourteen years and is committed to continuing and expanding diversion opportunities for its residents and businesses.

| 4. Enter diversion rate information below. | | | | | | | | |
|--|---------|------|--|-------------------------------|--|--|--|--|
| Diversion rate calculated using existing base year | a. 41 | % | Diversion rate calculated using new generation-based study | b. 59% | | | | |
| Existing base year pounds/person/day based on generation | 9.4 | 5 | New generation based study pounds/person/day based on generation | 17.70 | | | | |
| Existing base year: | | | New generation based study: | | | | | |
| Residential Non-Residenti | al | | Residential Non-Resid | ential ion 78 [%] | | | | |
| generation 41 % generation | 59 | % | generation 22 % generation | | | | | |
| Population existing generation-based s | tudy 44 | ,685 | Population new generation-based study | 98,407 | | | | |

5. Please explain how the new diversion rate is consistent with your current diversion implementation efforts and also explain the specific reasons for the difference.

The new diversion rate is the result of a detailed waste generation study. The new study accounts for tonnages using actual volumes and weights, whereas the 1990 base year was based on the best available data at the time and did not include exported disposal tonnage to solid waste facilities outside Placer County. The records available in 1990 were not as detailed and as accurate as the 2004 data obtained from the new generation study. The City has experienced significant commercial and residential growth in the past 14 years and during that time, the City has implemented many new diversion programs and expanded their educational outreach.

6. If the proposed new generation tonnage results in an increase in your pounds per day, please explain how this is consistent with your current diversion implementation efforts and provide examples (e.g., change in jurisdiction's demographics). In addition, lf your pounds per person is over the state average of 11.2 pounds, please explain why.

The City has implemented and expanded the number of diversion programs since 1990. The default adjustment methodology does not accurately reflect the impact of these new diversion programs and does not accurately project the increase in waste generation, especially when there has been significant residential and commercial growth. The residential generation rate (pounds per person per day) is greater than the state average of 11.2 pounds dure to the high percentage of construction and demoliton diversion. In addition, the non-residential generation rate is also much higher.

| Section III - Disposal and Diversion Information | | | | | | | | |
|---|---------------------------|--|---|--|--|--|--|--|
| 1. Disposal Tonnage (enter values): | 48064 | 81839 | 129903 | | | | | |
| | Residential | Non-Residential | Total | | | | | |
| Please select the ONE choice below that best explains yo | ur disposal data a | and complete the required tables. | | | | | | |
| a. All tons claimed are from the Board's Disposal I | Reporting System | (No explanation required. Go to Number 2.) | | | | | | |
| □ b. All tons claimed are from a 100 percent audit of | hauler and self-h | aul tonnage. (Please complete Reporting Year Tonna | age Request and Modification Certification sheet found at | www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc and | | | | |
| submit with | | | | | | | | |
| c. Some Disposal Reporting System data were co year | rrected. (Please c | omplete Reporting Year Tonnage Modification Reque | st and Certification sheet found at www.ciwmb.ca.gov/LG | Central/Forms/rytnmdrq.doc and submit with the new bas | | | | |

2. In the table below, list the summarized diversion activities, tonnages, material types, actual or conversion factors, and diversion data records that support your claim and are available for Board verification Note: The Board expects the jurisdiction to be able to provide all back-up documentation, if requested. Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition and percentage calculations). If any diversion is from restricted wastes, agricultural wastes, inert solids [e.g., concrete, asphalt, dirt, white goods, and scrap metal,] you must identify those programs and waste types and complete Section VI. Survey forms for the top ten businesses must be included as an attachment with the generation study year and should be identified as Attachment IVa.

(Note: The Board has indicated that total source reduction amounts greater than five percent will be scrutinized. Please be prepared to substantiate the amounts.)

Note: Detailed Non-Residential waste audit information for the top ten businesses surveyed must be included in Section IV.

http://www.ciwmb.ca.gov/LGCentral/PARIS/Codes/Reduce.htm

| Diversion Activity | Total Tons | Percent of Total Generation | Specific Material Type(s) (List diversion program activity w/multiple materials in one box) | Indicate whether Actual Tons or Specific Conversion Factor and Source of Factor | Type of Record (include copy with submittal) |
|---|---------------|--------------------------------|---|---|--|
| Please use the Board's program types. The program type glossary is online at: www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm | (A) | (A/Total Generation) | | | |
| Residential Source Reduction Activities | | | | | |
| Backyard composting | | | | | |
| Grasscycling | | | | | |
| Other Residential Source Reduction (lis | t each progra | m separately) | | | |
| Enter program name | | | | | |
| Enter program name | | | | | |
| Enter program name | | | | | |
| Enter program name | | | | | |
| Enter program name | | | | | |
| Subtotal, Residential Source Reduction | 0 | 0% | | | |
| Residential Recycling Activities | | | | | |
| Curbside Recycling | | | | | |
| Buyback Centers | 841 | 0% | aluminum, glass, plastics & bimetal | actual weights | Department of Conservation, Division of Recycling Aggregate Volume Report (Appendix B) |
| Drop-off Centers | 3329 | 1% | aluminum, glass, plastics, bimetal, newspaper, mixed paper, cardboard, tires and scrap metal | actual weights & 20 lbs per tire (USEPA) | WPWMA Report (25.07 tons mixed recyclables and 11.28 tons of tires - Appendix A), & City Report (151.52 tons beverage containers, 1585.36 tons of newspaper and 1555.7 tons of cardboard - Appendix C) |

| Diversion Activity | Total Tons | Percent of Total Generation | Specific Material Type(s) (List diversion program activity w/multiple materials in one box) | Indicate whether Actual Tons or Specific Conversion Factor and Source of Factor | Type of Record (include copy with submittal) |
|--|----------------|--------------------------------|--|--|--|
| | | | | | |
| Please use the Board's program types. | | (A/Total | | | |
| The program type glossary is online at: | (A) | Generation) | | | |
| www.ciwmb.ca.gov/LGCentral/Paris/Codes | (A) | Ceneration | | | |
| /Reduce.htm | | | | | |
| Other Residential Recycling (list each p | | rotols (| | | |
| Other Residential Recycling (list each p | rogram sepa | rately) | | | |
| Enter program name | | | | | |
| Enter program name | | | | | |
| Enter program name | | | | | |
| Enter program name | | | | | |
| Enter program name | | | | | |
| Subtotal, Residential Recycling | 4170 | 1% | | | |
| Residential Composting Activities | | | | | |
| Green Waste Drop-off | | | | | |
| Curbside Green Waste | 2561 | 1% | green waste | actual weights | WPWMA Report - Appendix A |
| Christmas Tree Program | 268 | 0% | Christmas tree chipping (250 tons) & City collection of tree trimmings (18.04 tons) & City collection of leaves for composting (438 tons included in MRF greenwaste tonnage) | actual weights | WPWMA Report - Appendix A & City Report (Appendix C) |
| Other Residential Composting (list each | nrogram co | naratoly) | greenwaste tonnage) | | |
| Other Residential Composting (list each | i program se | paratery) | | | |
| Enter program name | | | | | |
| Enter program name | | | | | |
| Enter program name | | | | | |
| Enter program name | | | | | |
| Enter program name | | | | | |
| Subtotal, Residential Composting | | | | | |
| oubtotal, residential composting | 2829 | 1% | | | |
| Subtotal, Residential Diversion | 6999 | 2% | | | |
| Non-Residential Source Reduction | | | | | |
| Activities: | | | | | |
| Non-Residential Waste Audits | | | Detailed information must be included in Section | | |
| | 2959 | 1% | V | Detailed information must be included in Section V | Detailed information must be included in Section V |
| Other Non-Residential Source Reduction | n (list each p | rogram separate | ly) | | |
| 1050-SR-GOV | 7482 | 2% | Grasscycling for City parks, green ways, public golf | 7.6 tons per acre per year for parks/schools (mowed | Appendix D |
| | | | courses, city cemetary & CalTrans landscape areas | twice/week during season & once/week off-season & 7.6 tons per acre per year for public golf courses | |
| 1000-SR-SCH | 192 | 0% | Grasscycling for 24 Schools | 6.5 tons per acre per year for schools | Appendix M |
| Enter program name | 132 | 0 70 | Grasscycling for 24 Schools | 0.5 tons per acre per year for scribbis | Appendix ivi |
| Enter program name | | | | | |
| Enter program name | | | | | |
| Subtotal, Non-Residential Source | | | | | |
| Reduction | 10633 | 3% | | | |

| Diversion Activity | Total Tons | Percent of Total | Specific Material Type(s) (List diversion program activity | Indicate whether Actual Tons or Specific Conversion Factor and | Type of Record (include copy with submittal) |
|---|----------------|-------------------------|--|--|--|
| | | Generation | w/multiple materials in one box) | Source of Factor | |
| | | | | | |
| Please use the Board's program types. | | (A/Taral | | | |
| The program type glossary is online at: | (A) | (A/Total Generation) | | | |
| www.ciwmb.ca.gov/LGCentral/Paris/Codes | (A) | Generation) | | | |
| | | | | | |
| /Reduce.htm | | | | | |
| Non-Residential Recycling Activities: | | | | | |
| Non-Residential Waste Audits | | | Detailed information must be included in Section | | |
| | 125076 | 39% | V | Detailed information must be included in Section V | Detailed information must be included in Section V |
| Other Non-Residential Recycling (list e | ach program | separately) | | | |
| 2030-RC-OSP | 5736 | 2% | | | |
| | | | City cardboard recycling - commercial on-site pick-up | | |
| | | | (also includes the cardboard drop-off bins) & private | | |
| | | | recyclers (cardboard, paper & shredded paper) | actual weights | Appendices C, E, F, G, H, J, L & Q |
| 2060-RC-GOV | 39 | 0% | (| | |
| | 30 | | City tire recycling & confidential document recycling | 20 lbs per tire (USEPA) & actual weights | Appendices K & L |
| Enter program name | | | , | , , , , | ,, |
| Enter program name | | | | | |
| Enter program name | | | | | |
| Subtotal Non-Residential Recycling | | | | | |
| | 130851 | 41% | | | |
| Non-Residential Composting Activities | | | | | |
| , , , , , , , , , , , , , , , , , , , | | | | | |
| Non-Residential Waste Audits | i e | | Detailed information must be included in Section | | |
| | 481 | 0% | V | | Detailed information must be included in Section V |
| Other Non-Residential Composting (list | | | • | Dotalica iliformation made be illotaded ill decition v | Detailed information made be included in decitor v |
| Canal Harman Campasing (iii | ouen program | copa. a.c., | | | |
| 3030-CM-CSG | | | | | WPWMA Report - Appendix A & City Report (Appendix |
| 0000 0 000 | 2734 | 1% | commercial self-haul to the MRF | actual weights | C) |
| 3020-CM-COG | 292 | 0% | Commercial On-Site Greenwaste Pick-Up | actual weights | Appendices E, I & Q |
| 3020-CM-COG | 707 | 0% | | | WPWMA Report - Appendix A & City Report (Appendix |
| 5525 5 555 | | 070 | Collection of leaves by City for composting (438 | | C) |
| | | | tons) and geenwaste collected at City Parks (269.36 | | (a) |
| | | | tons) by City Parks Dept. for composting at MRF | | |
| Enter program name | | | tone, a, and rame popular composting at with | | |
| Enter program name | | | | | |
| E.n.s. program name | | | | | |
| Subtotal Non-Residential Composting | 4215 | 407 | | | |
| Subtotal Non-Residential Composting | 4210 | 1% | | | |
| C. Level No. Book look 15th and 15th | 4.45000 | | | | |
| Subtotal Non-Residential Diversion | 145699 | 46% | | | |
| Other Diversion Activities | etual recident | ial/non-residenti | al enlit, places provide your best estimates of the | split in each program type or put all the diversion unc | der non-regidental |
| • | ctual resident | iai/iioii-residenti | ar spiri, picase provide your best estimates of the | Spir in each program type or put an the diversion und | ici ilon-residelitai. |
| Residential | | | | | |
| ADC | 2924 | 1% | MRF fines | | |
| Sludge (must submit sludge cert form) | | | | | |
| Scrap Metal | | | | | |
| Construction and Demolition | | | | | |
| Landfill Salvage | | | | | |
| Other (e.g., ag waste) | 10410 | 3% | Newspaper, cardboard, mixed paper, aluminum, | Recovery from WPWMA dirty MRF - allocation based on | WPWMA Report - Appendix A |
| (2.3., 2.3 | | | plastic, glass, plastics, scrap metal & green waste | City's percentage of incoming waste and total materials | |
| | | | ,, g, p, 15/4p ///6/4 & g/55/1 Wd0/0 | recovered from MRF line. | |
| | | | | 100010104 11011 11111 11101 | |
| Subtotal Residential Waste | 13334 | 4% | | | |
| Subtotal Residential Waste | 13334 | 4% | | | |

| Diversion Activity | Total Tons | Percent of Total | Specific Material Type(s) (List diversion program activity | Indicate whether Actual Tons or Specific Conversion Factor and | Type of Record (include copy with submittal) |
|--|---------------|------------------|--|--|---|
| 211211111111111111111111111111111111111 | | Generation | w/multiple materials in one box) | Source of Factor | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |
| | | | | | |
| Please use the Board's program types. | | (A/Total | | | |
| The program type glossary is online at: | (A) | Generation) | | | |
| www.ciwmb.ca.gov/LGCentral/Paris/Codes | (* 1) | Contraction | | | |
| /Reduce.htm | | | | | |
| Non-Residential | | | | | |
| | | | | = | |
| ADC | 4529 | 1% | MRF fines, green material, tires, & C&D | | |
| Sludge (must submit sludge cert form) | | | | | |
| Scrap Metal | | | | | |
| Construction and Demolition | 4524 | 1% | C&D from MRFs & private haulers | Actual weights | Apendices A, E, I, J & Q |
| Landfill Salvage | | | | | |
| Other (e.g., ag waste) | 12836 | | Newspaper, cardboard, mixed paper, aluminum, | | WPWMA Report (Appendix A) & Report from other MRF |
| | | | plastic, glass, plastics, scrap metal, green waste, | City's percentage of incoming waste and total materials | (Appendix I) |
| | | | shingles, wood, & sheetrock | recovered from MRF line. Also from another MRF in | |
| | | | | Sac Co | |
| Subtotal Non-Residential Waste | | | | | |
| | 21888 | 7% | | | |
| Subtotal Residential/ | | - 1,10 | | | |
| Non-Residential Other Diversion | 35222 | 11% | | | |
| | 35222 | 11% | | | |
| Total Residential/Non-Residential | | | | | |
| Source Reduction Tons | 10633 | 3% | | | |
| | | | | | |
| Total Diversion Tons | 187920 | 59% | | | |
| | | | | | |
| Total Disposal Tons from Number 1 | 129903 | 41% | | | |
| Total Disposal Total Holli Nulliber 1 | 129903 | 4170 | | | |
| Total Committee Total (Display) | 047000 | | | | |
| Total Generation Tons (Div+Dis) | 317823 | | | | |
| | | 1 | | | |
| NEW GENERATION STUDY | | | | | |
| DIVERSION RATE | 59% | | | | |
| | | | | | |
| Additional Information for Report Year C | alculations - | Biomass and Tra | Insformation Activities (Note: you cannot claim be | oth biomass and transformation.) | |
| Biomass (must submit biomass cert form | | | | 1 | |
| and must be 10% or less of generation | | | | | |
| use the calculator to calculate) | 14912 | 5% | | | |
| | | | | | |
| Transformation | | | | | |
| Report Year Diversion Rate with | | | | | |
| Biomass or Transformation | | | | | |
| | | | | | |
| Credit | 64% | | | | |

Section IV - Specific Non-Residential Sector Waste Audits

Top 10 Non-Residential Generators

Please complete this table for the top ten non-residential businesses that were surveyed. **Use the business type in lieu of the specific business name**(e.g., grocery store vs. Bestway Grocery Store) List each non-residential business separately from largest to smallest, based on total diversion tons. Audit reference number should be the same number used to identify businesses on the survey/audit sheets, and must be identical to the data in the Section V spreadsheet.

| Audit Reference Numbe | Type of Non-Residential Generator | Include Material Type (e.g., paper, grasscycling). (List materials on one line) | Source Reduction Tons | Recycling Tons | Composting Tons | Total Diversion Tons | Percent of Total Generation (Total Diversion Tons/Total Generation in Section III) | Survey Method Phone (P) Mail (M) On-site (O) Other |
|--------------------------|--------------------------------------|---|-----------------------------|-------------------|--------------------|-------------------------|--|--|
| 2 | Crushing facility | inert materials | | 114109.468 | | 114109.4675 | 35.9% | P,M,O, e-mail |
| 1 | Private golf course | grasscycling | 2401.6 | | | 2401.6 | 0.8% | e-mail, P |
| 3 | Retail box store | cardboard, film plastics | | 1257.85 | | 1257.85 | 0.4% | P,M,O |
| 4 | Retail box stores (3 stores) | cardboard | | 1390 | | 1390.06 | 0.4% | P,M,O |
| 21 | Supermarkets (4 stores) | cardboard, plastics, meat renderings, and organic produce | | 817 | 416 | 1232.95 | 0.4% | P,e-mail,O |
| 8 | Supermarkets (3 stores) | cardboard, mixed paper, plastics, renderings, wood waste, food waste, oil and organic produce trim | | 1212 | | 1212.24 | 0.4% | P,e-mail,O |
| 6 | computer/electronic manufacturing | cardboard, mixed paper, plastics, glass, scrap metal, green waste, wood waste, toner cartridges, other materials, renderings, food waste. | 71.5 | | 8 | 1255.93 | 0.4% | P,M, fax,O |
| 9 | retail box stores (2 stores) | cardboard recycling | | 644 | | 644 | 0.2% | P,M, e-mail,O |
| 6 | supermarket | cardboard recycling | | 476 | | 476.47 | 0.1% | P,M |
| NA | Renderer | bone, meat, fat recycling | | 1941 | | 1941.2 | 0.6% | P,M, O |
| | Totals | | 2473.1 | 123025.098 | 423.57 | 125921.7675 | 39.6% | , , |

Section V - Non-Residential Generator Audit Diversion Spreadsheet

Use the type of business and audit reference number in lieu of the specific business name. For each business include the diversion activity and material type and associated tonnage for each diversion activity/material type, and applicable conversion factors and sources. Copies of the audit survey form(s) for each of the top ten businesses should be included as an attachment. Click on the Section Button to add a section for another generator (ten rows and a subtotal row added to the table for each new generator). If you have any questions, please contact your OLA Repre. Add Section 41-6199.

| | 1-6199. | | | | | | |
|----------------------|------------------------|----------------------------------|---|-----------|-----------|------------|-------------|
| | erator Audit Diversior | | | | | | |
| Non-Residential | Generator Type | Material Type (Example - | Specific Conversion Factor and | Source | Recycling | Composting | Total Tons |
| Generator Survey or | (Example - grocery | cardboard, glass, plastic, etc.) | Source or Actual Weight | Reduction | (Tons) | (Tons) | |
| Audit Identification | store, retail, | | | (Tons) | | | |
| Number | manufacturer) | | | | | | |
| 1 | golf course | grasscycling | 7.6 tons per acre (316 acres) | 2401.6 | | | 2401.6 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Subtotal - | | | | 2401.6 | 0 | 0 | 2401.6 |
| <u> </u> | | | Origin allocation (75%) applied to | | | | |
| 2 | crushing facility | inert material | actual tonnage | | 114109.47 | | 114109.4675 |
| _ | or dorning radiity | mert material | actual termage | | 111100.11 | | 114100.4070 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Outrace | | | | ^ | 114109.47 | 0 | 114109.4675 |
| Subtotal - | | | 1 4501 1 4 500 1 5 1 () | U | 114109.47 | 0 | 114109.4673 |
| | | | 1,450 bales at 1,700 lbs/bale (per bale | | | | 4000 |
| 3 | retail box store | cardboard recycling | specifications) | | 1232.5 | | 1232.5 |
| | | | 52 bales at 975 lbs/bale (per bale | | | | |
| | | film plastic recycling | specifications) | | 25.35 | | 25.35 |
| | | | | | | | |
| | | | | | | | |
| | | | | 1 | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Subtotal - | | | | 0 | 1257.85 | 0 | 1257.85 |

| Non-Residential Generator Survey or Audit Identification Number | Generator Type (Example - grocery store, retail, manufacturer) | Material Type (Example - cardboard, glass, plastic, etc.) | Specific Conversion Factor and Source or Actual Weight | Source Reduction (Tons) | Recycling (Tons) | Composting (Tons) | Total Tons |
|--|---|---|--|-------------------------------|---------------------|----------------------|------------|
| 4 | retail box store (3 stores) | cardboard recycling | actual weights from corporate office | | 1390.06 | | 1390.06 |
| | retain con store (5 stores) | outdooded rooyoning | actual weights from corporate office | | 1570.00 | | 10,000 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Subtotal - | | | | 0 | | 0 | 1390.06 |
| 5 | manufacturing | paper recycling (OCC & mixed paper) | actual weights | | 65.64 | | 65.64 |
| | | plastic recycling (HDPE & PET) | actual weights | | 46.73 | | 46.73 |
| | | green waste | generator estimate | | | 38.5 | 38.5 |
| | | glass recycling | actual weights | | 7.15 | | 7.15 |
| | | scrap metal recycling | actual weights | | 73.74 | | 73.74 |
| | | wood waste recycling | actual weights | | 40.83 | | 40.83 |
| | | | | | | | |
| | | | | | | | |
| Subtotal - | | | | 0 | 234.09 | 38.5 | 272.59 |
| 6 | computer/electronic manuf | a paper recycling (OCC & mixed paper) | actual weights from generator report | | 346.15 | | 346.15 |
| <u>-</u> | | plastic recycling (HDPE & PET) | actual weights from generator report | | 62.69 | | 62.69 |
| | | grasscycling | 11 acres at 6.5 tons per acre per year | 71.5 | | | 71.5 |
| | | glass recycling | actual weights from generator report | , - 10 | 6.01 | | 6.01 |
| | | scrap metal recycling | actual weights from generator report | | 357.42 | | 357.42 |
| | | wood waste recycling | actual weights from generator report | | 239.19 | | 239.19 |
| | | food and used cooking oil diversion | actual weights from generator report | | 6.5 | 1.55 | 8.05 |
| | | toner cartridge recycling | actual weights from generator report | | 4.375 | | 4.375 |
| | | Other materials recycling | actual weights from generator report | | 160.54 | | 160.54 |
| Subtotal - | | | | 71.5 | 1182.875 | 1.55 | 1255.925 |
| | | | actual weights from 2005 data to | | | | |
| 7 | supermarket | cardboard recycling | estimate 2004 tonnage | 476.47 | | | 476.47 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Subtotal - | | | | 476.47 | 0 | 0 | 476.47 |
| 8 | supermarket (3 stores) | paper recycling (OCC & mixed paper) | actual weights from corporate office | | 728.16 | | 728.16 |
| | | plastic recycling (HDPE & PET) | actual weights from corporate office | | 23.04 | | 23.04 |

| Non-Residential Generator Survey or Audit Identification Number | Generator Type (Example - grocery store, retail, manufacturer) | Material Type (Example - cardboard, glass, plastic, etc.) | Specific Conversion Factor and Source or Actual Weight | Source Reduction (Tons) | Recycling (Tons) | Composting (Tons) | Total Tons |
|--|---|--|---|-------------------------------|----------------------|----------------------|---------------|
| | | bone/fat rendering recycling | actual weights from corporate office | | 46.95 | | 46.95 |
| | | wood waste recycling | actual weights from corporate office | | 145.65 | | 145.65 |
| | | food and used cooking oil diversion | actual weights from corporate office | | 268.44 | | 268.44 |
| | | | | | | | |
| Subtotal - | | | | 0 | | 0 | 1212.24 |
| 9 | retail box store (2 stores) | cardboard recycling | actual weights from corporate office | | 644.00 | | 644.00 |
| | | | | | | | |
| Subtotal - | | | | 0 | 644.00 | 0 | 644.00 |
| 10 | Large Hardware/lumber retail store | cardboard recycling | # of bales, size of bales & 400 lbs per cubic yard (USEPA) | | 246.7 | | 246.7 |
| | | wood pallet recycling | # yards of pallets @ 0.3 yd3/pallet & 40 lbs per pallet | | 83.2 | | 83.2 |
| | | | | | | | |
| | | | | | | | |
| Subtotal - | | | | 0 | 329.9 | 0 | 329.9 |
| 11 | Tire Recycling Service | tire recycling at 10 tire stores in the City | Actual tonnage report from corporate office. | | 411.68 | | 411.68 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Cultatal | | | | ^ | 411.68 | | 444.00 |
| Subtotal - 12 | Supermarkets (2 stores and a distribution center) | cardboard recycling | Actual tonnage report from corporate office. | 0 | 411.68 277 | | 411.68 277 |

| Non-Residential Generator Survey or Audit Identification | Generator Type (Example - grocery store, retail, | Material Type (Example - cardboard, glass, plastic, etc.) | Specific Conversion Factor and Source or Actual Weight | Source Reduction (Tons) | Recycling (Tons) | Composting (Tons) | Total Tons |
|--|--|---|--|-------------------------------|---------------------|-------------------|------------|
| Number | manufacturer) | | | (15115) | | | |
| | | | Actual tonnage report from corporate | | | | |
| | | plastic recycling | office. | | 4.65 | | 4.65 |
| | | | Actual tonnage report from corporate | | | | |
| | | waste cooking oil + meat renderings | office. | | 5.55 | | 5.55 |
| | | | Actual tonnage report from corporate | | | | |
| | | food donations | office. | 9.21 | | | 9.21 |
| | | | Actual tonnage report from corporate | | 7.40 | | = 40 |
| | | scrap metal recyling | office. | | 7.18 | | 7.18 |
| | | | Actual tonnage report from corporate | | | | |
| | | Cara and a see Pro- | office.(not included in other tire | | 44.4 | | 44.4 |
| | | tire recycling | recycling numbers) | | 11.4 | | 11.4 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Subtotal - | | | | 9.21 | 305.78 | 0 | 314.99 |
| 13 | Hospital and medical | cardboard recycling | | 0.2. | 0000 | | 01.100 |
| 15 | offices | cardboard recycling | Actual tonnage report from generator | | 56.1 | | 56.1 |
| | offices | mixed paper recycling | Actual tonnage report from generator | | 121.27 | | 121.27 |
| | | scrap metal recycling | Actual tonnage report from generator | | 0 | | 121/2/ |
| | | wood waste recycling | Actual tonnage report from generator | | 0 | | |
| | | inert materials recycling | Actual tonnage report from generator | | 0 | | |
| | | green waste composting | Twelve 40-yard bins each year at 4320 | | | | |
| | | green waste composting | lbs. per 40 cubic yards | | | 25.92 | 25.92 |
| | | | los. per 40 cubic yards | | | 20.02 | 20.02 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Subtotal - | | | | 0 | 177.37 | 25.92 | 203.29 |
| 14 | Railroad company | cardboard recycling | Actual tonnage report from generator | | 17 | | 17 |
| | y | plastic recycling | Actual tonnage report from generator | | 3 | | 3 |
| | | aluminum cans | Actual tonnage report from generator | | 0.15 | | 0.15 |
| | | scrap metal recycling | Actual tonnage report from generator | | 0 | | |
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| | | | | | | | |
| Subtotal - | | | | 0 | | 0 | 20.15 |
| 15 | Clothing retail store | cardboard recycling | Actual tonnage report from generator | | 73 | | 73 |
| | | mixed paper recycling | Actual tonnage report from generator | | 9 | | 9 |
| | | plastic recycling | Actual tonnage report from generator | | 2 | | 2 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| Non-Residential Generator Survey or Audit Identification Number | Generator Type (Example - grocery store, retail, manufacturer) | Material Type (Example - cardboard, glass, plastic, etc.) | Specific Conversion Factor and Source or Actual Weight | Source Reduction (Tons) | Recycling (Tons) | Composting (Tons) | Total Tons |
|--|---|---|--|-------------------------------|---------------------|-------------------|---------------|
| | | | | | | | |
| | | | | | | | |
| Subtotal - | | | | 0 | 84 | 0 | 84 |
| 16 | Recycling center | aluminum cans | Actual tonnage report from generator | | | | - |
| | | | (not included in DOR tonnages) | | 0 | | |
| | | | Actual tonnage report from generator | | | | |
| | | scrap metal | (60 tons not included) | | | | |
| | | DET -14:- | Actual tonnage report from generator | | 0 | | |
| | | PET plastic | (not included in DOR tonnages) Actual tonnage report from generator | | 0 | | |
| | | CRV glass | (not included in DOR tonnages) | | 0 | | |
| | | CITY glass | (not included in DOR tolliages) | | 0 | | |
| | | | | 1 | | | |
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| | | | | | | | |
| Subtotal - | | | | 0 | | 0 | 15.00 |
| 17 | Manufacturer | cardboard recycling | Actual tonnage report from generator | | 17.683 | | 17.683 |
| | | mixed paper recycling | Actual tonnage report from generator | | 18.35 | | 18.35 1.46 |
| | | plastic recycling | Actual tonnage report from generator | | 1.46 0.2 | | 0.2 |
| | | glass recycling aluminum can recycling | Actual tonnage report from generator Actual tonnage report from generator | | 0.2 | | 0.15 |
| | | scrap metal recycling | Actual tonnage report from generator | | 2 | | 2 |
| | | wooden pallet recycling | Actual tonnage report from generator | | 2.5 | | 2.5 |
| | | laser toner cartridge recycling | Actual tonnage report from generator | | 0.05 | | 0.05 |
| | | laser toner carriage recycling | rictual tomage report from generator | | 0.00 | | 0.00 |
| | | | | | | | |
| Subtotal - | | | | 0 | 42.393 | 0 | 42.393 |
| 18 | Retail drug stores(2) | cardboard recycling | estimates from generator 400 lbs./yd3 | | 41.71 | | 41.71 |
| | | | | | | | |
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| | | | | 1 | | | |
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| Subtotal - | | | | 0 | 41.71 | 0 | 41.71 |
| 19 | newspaper | newspaper recycling | actual weight records from generator | | 62 | | 62 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| Non-Residential Generator Survey or Audit Identification Number | Generator Type (Example - grocery store, retail, manufacturer) | Material Type (Example - cardboard, glass, plastic, etc.) | Specific Conversion Factor and Source or Actual Weight | Source Reduction (Tons) | Recycling (Tons) | Composting (Tons) | Total Tons |
|--|---|---|---|-------------------------------|---------------------|-------------------|-----------------|
| | | | | | | | |
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| | | | | | | | |
| Subtotal - | | | | 0 | 62 | 0 | 62 |
| 20 | Technology/electronics | mixed paper recycling | | | | _ | |
| | retail store | 11 7 6 | Actual tonnage report from generator | | 3.82 | | |
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| Octobrida | | | | 0 | 2 02 | 0 | 2.02 |
| Subtotal - | G 1 + (4 +) | 11 1 1' | | 0 | | 0 | 3.82 |
| 21 | Supermarkets (4 stores) | cardboard recycling plastic recycling (HDPE & PET) | actual weights from recycling service actual weights from recycling service | | 702.78 28.35 | | 702.78 28.35 |
| | | meat renderings | actual weights from recycling service | | 86.3 | | 86.3 |
| | | organic produce trim composting | actual weights from recycling service | | | 415.52 | 415.52 |
| | | | , , | | | | |
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| | | | | | | | |
| | | | | | | | |
| Subtotal - | | | | 0 | 817.43 | 415.52 | 1232.95 |
| 22 | Box Lumber stores (2 | cardboard recycling | | | | | |
| | stores) | | actual weights from recycling service | | 375.02 | | 375.02 |
| | | | | | | | |
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| | | | | | | | |
| Cultatal | | | | ^ | 375.02 | 0 | 375.02 |
| Subtotal - | Compliance for all the | in out motorials | actual weights submitted to City by | 0 | 3/5.02 | 0 | 3/5.02 |
| 23 | Crushing facility | inert materials | franchise C/D haulers | | 136.14 | | 136.14 |
| | | | Tanemot C/D manero | | 150.14 | | 130.14 |
| | | | | | | | |
| | | | | | | | |

| Non-Residential Generator Survey or Audit Identification Number | Generator Type (Example - grocery store, retail, manufacturer) | Material Type (Example - cardboard, glass, plastic, etc.) | Specific Conversion Factor and Source or Actual Weight | Source Reduction (Tons) | Recycling (Tons) | Composting (Tons) | Total Tons |
|--|---|---|--|-------------------------------|---------------------|-------------------|------------|
| | | | | | | | |
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| | | | | | | | |
| Subtotal - | | | | 0 | 136.14 | 0 | 136.14 |
| 24 | Tire recycling service | tire recycling at 4 tire stores in the City | Report from corporate office. Number of tires @ 20 lbs./tire | | 296.5 | | 296.5 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Subtotal - | | | | 0 | | 0 | 296.5 |
| NA | Renderer | bone, meat, fat recycling | actual tonnage from facility contact | | 1941.2 | | 1941.2 |
| | | | | | | | |
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| Subtotal - | | | | 0 | 1941.2 | 0 | 1941.2 |
| Cubiciai | | | | | | | 101112 |
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| Subtotal - | | | | 0 | 0 | 0 | |
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| Non-Residential Generator Survey or Audit Identification Number | Generator Type (Example - grocery store, retail, manufacturer) | Material Type (Example - cardboard, glass, plastic, etc.) | Specific Conversion Factor and Source or Actual Weight | Source Reduction (Tons) | Recycling (Tons) | Composting (Tons) | Total Tons |
|--|---|--|--|-------------------------------|---------------------|-------------------|------------|
| | | | | | | | |
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| Subtotal - | | | | 0 | 0 | 0 | |
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| Subtotal - | | | | 0 | 0 | 0 | |
| Subtotal - | | | | | | | |
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| Subtotal - | | | | 0 | 0 | 0 | |
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| Subtotal - | | | | 0 | 0 | 0 | |
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| Non-Residential | Generator Type | Material Type (Example - | Specific Conversion Factor and | Source | Recycling | Composting | Total Tons |
|----------------------|--------------------|----------------------------------|--------------------------------|-----------|-----------|------------|------------|
| Generator Survey or | (Example - grocery | cardboard, glass, plastic, etc.) | Source or Actual Weight | Reduction | (Tons) | (Tons) | |
| Audit Identification | store, retail, | | | (Tons) | | | |
| Number | manufacturer) | | | | | | |
| | | | | | | | |
| Subtotal - | | | | 0 | 0 | 0 | |
| | | | | | | | |
| Grand Total | | | | 2,959 | 125,076 | 481 | 128,516 |

Section VI - Restricted Waste

For each restricted waste type (i.e., agricultural waste, inert solids, [e.g. concrete, asphalt, dirt, etc.] scrap metals and white goods [PRC section 41781.2]) and associated program or generator, please provide the following information:

Insert 1

1. If the diversion program started on or after January 1, 1990, complete the following table.

Note: Specific Program Name refers to one specific diversion program for that waste type (e.g., "Diversion conducted by city public waste dept."). Please input the complete program name with business type if appropriate. If you need to add additional programs, insert a row by clicking on the button for that section.

| Restricted Waste Type | Audit Reference Number | Specific Program Name | Year Started | Generation Study Diversion Tonnage |
|-----------------------|------------------------------|--|--------------|--|
| Scrap Metal ▼ | App.A | Residential & Non-residential MRF Recovery | 1996 | 3990 |
| Inert Solids ▼ | App.A | Residential & Non-residential MRF Recovery | 1996 | 2889 |
| Scrap Metal | App.A | Residential Drop-off recycling at MRF | 1996 | 11 |
| Inert Solids | App.N | ADC - MRF Fines | 1996 | 5968 |
| Inert Solids ▼ | NA | ADC - C&D | 2005 | 11 |

- 2. If the diversion program started before January 1, 1990 and if documentation on the program and waste type has not been approved by the Board, on a separate sheet marked "Attachment Section VI. 2", provide the documentation that indicates:
- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion (PRC sec. 41781.2 [c] [1]).
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (**Note**: this criterion is applicable to individual programs (PRc sec 41781.2(c)(2). Please include documentation.
- The jurisdiction is implementing, and will continue to implement, the diversion programs in its Source Reduction and Recycling Element.

Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an "Attachment Section VI.2" for that waste type and program.

| Instead please provide date of Board approval of previously submitted information. | (Date) |
|--|--------|
|--|--------|

If documentation is not available, go to Number 4.

Insert 3

3. If the diversion program started before January 1, 1990, and the documentation requested in Section VI.2" is available (but not yet approved by the Board), complete the table below for each program claimed:

| Restricted Waste Type | Audit Reference Number | Specific Program Name | Generation Study Diversion Tonnage |
|------------------------------|------------------------------|-----------------------|---------------------------------------|
| Pull Down for Waste Types ▼ | | | |
| Pull Down for Waste Types | | | |
| Pull Down for Waste Types ▼ | | | |
| Pull Down for Waste Types | | | |
| Pull Down for Waste Types | | | |

4. If the diversion program started before January 1, 1990, and the documentation requested in Section VI.2 is not av Ins 4, complete the table below for each program claimed:

| Restricted Waste Type | Audit Reference Number | Specific Program Name | Specific Program Generation Study Diversion Tonnage | 1990 Diversion Tonnage | Difference |
|--|------------------------------|-----------------------|---|---------------------------|------------|
| Pull Down for Waste Types ▼ | | | | | |
| Pull Down for Waste Types The state of the | | | | | |
| Pull Down for Waste Types | 1 | | | | |
| Pull Down for Waste Types ▼ | | | | | |
| Pull Down for Waste Types | | | | | |